CLAIMS

1. An optical disk drive device, comprising:

at least two optical pickups;

guiding means for each optical pickup for moving the optical pickups in the radial direction of an optical disk;

tilt detecting means provided on at least one of the optical pickups for detecting the tilt of the optical disk; and

tilt correcting means, provided on at least the other of the optical pickups for adjusting the tilt of a laser light axis from the optical pickup with respect to the optical disk, in accordance with a detection result of the tilt detecting means;

wherein detection of the tilt of the optical disk is performed by the tilt detecting means on the one of the optical pickups, and recording or reproduction of the optical disk, and adjustment of the tilt of the laser light axis from the optical pickup by the tilt correcting means is performed on the other of the optical pickups.

2. The optical disk drive device according to claim 1,

wherein the position of the guide means of the other optical pickup is adjusted and fixed with respect to a disk receiving surface of a turntable, such that the tilt of the laser light axis from the other optical pickup on which the tilt detecting means is provided is 0 (zero) with respect to the disk receiving surface of the turntable onto which the optical disk is loaded.

3. The optical disk drive device according to claim 1,

wherein the optical pickups are moved in the radial direction of the optical disk by the respective guiding means,

wherein the one optical pickup that is provided with the tilt detecting means is moved ahead of the other optical pickup that is provided with the

tilt correcting means; and

wherein in the same position in the radial direction of the optical disk, detection of the tilt of the optical disk by the tilt detecting means of the one optical pickup is performed ahead of adjustment of the tilt of the laser light axis from the other optical pickup by the tilt correcting means.

4. The optical disk drive device according to claim 1,

wherein the one optical pickup that is provided with the tilt detecting means is moved in the radial direction of the optical disk by the guiding means to detect the tilt of the optical disk by the tilt detecting means while initial settings relating to recording or reproduction of the optical disk are performed on the other optical pickup side that is provided with the tilt correcting means.

5. The optical disk drive device according to claim 4, further comprising:

a memory for storing at least tilt information about the tilt of the optical disk that is detected by the tilt detecting means.

6. The optical disk drive device according to claim 1 or claim 3, further comprising:

a memory for storing tilt information about the tilt of the optical disk that is detected by the tilt detecting means, and radial position information about the radial position of the optical disk in which at least the one optical pickup is moved in the radial direction of the optical disk by the guiding means;

wherein at least during recording or reproduction of the optical disk, the tilt information and the radial position information of the optical disk are stored and held in the memory.

7. A method for correcting tilt of an optical pickup, the method

comprising:

a step of performing recording or reproduction of an optical disk by a first optical pickup while moving the first optical pickup in the radial direction of the optical disk, and of detecting the position of the first optical pickup in the radial direction of the optical disk;

a step of moving a second optical pickup to the position, or the vicinity of the position, of the first optical pickup that was detected, and of detecting the tilt of the optical disk on the side of the second optical pickup; and

a step of adjusting the tilt of a laser light axis from the first optical pickup, in accordance with the tilt of the optical disk that was detected.